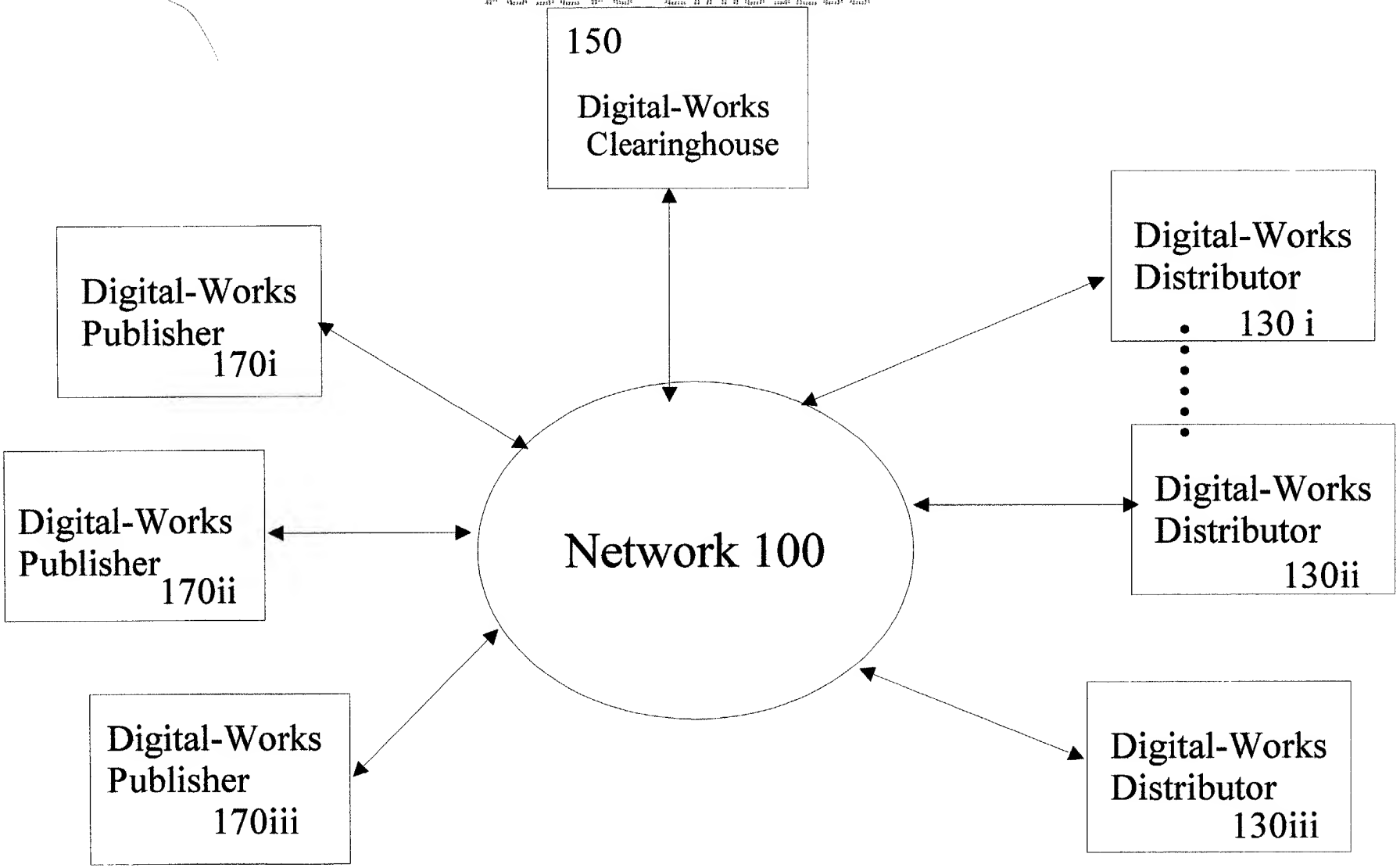
150
Digital-Works
Clearinghouse
Digital-Works
Publisher
170i
Digital-Works
Publisher
170ii
Digital-Works
Publisher
170iii
Network 100
Digital-Works
Distributor
130 i
Digital-Works
Distributor
130ii
Digital-Works
Distributor
130iii

Fig. 1

TOSZTA-EM0592GB

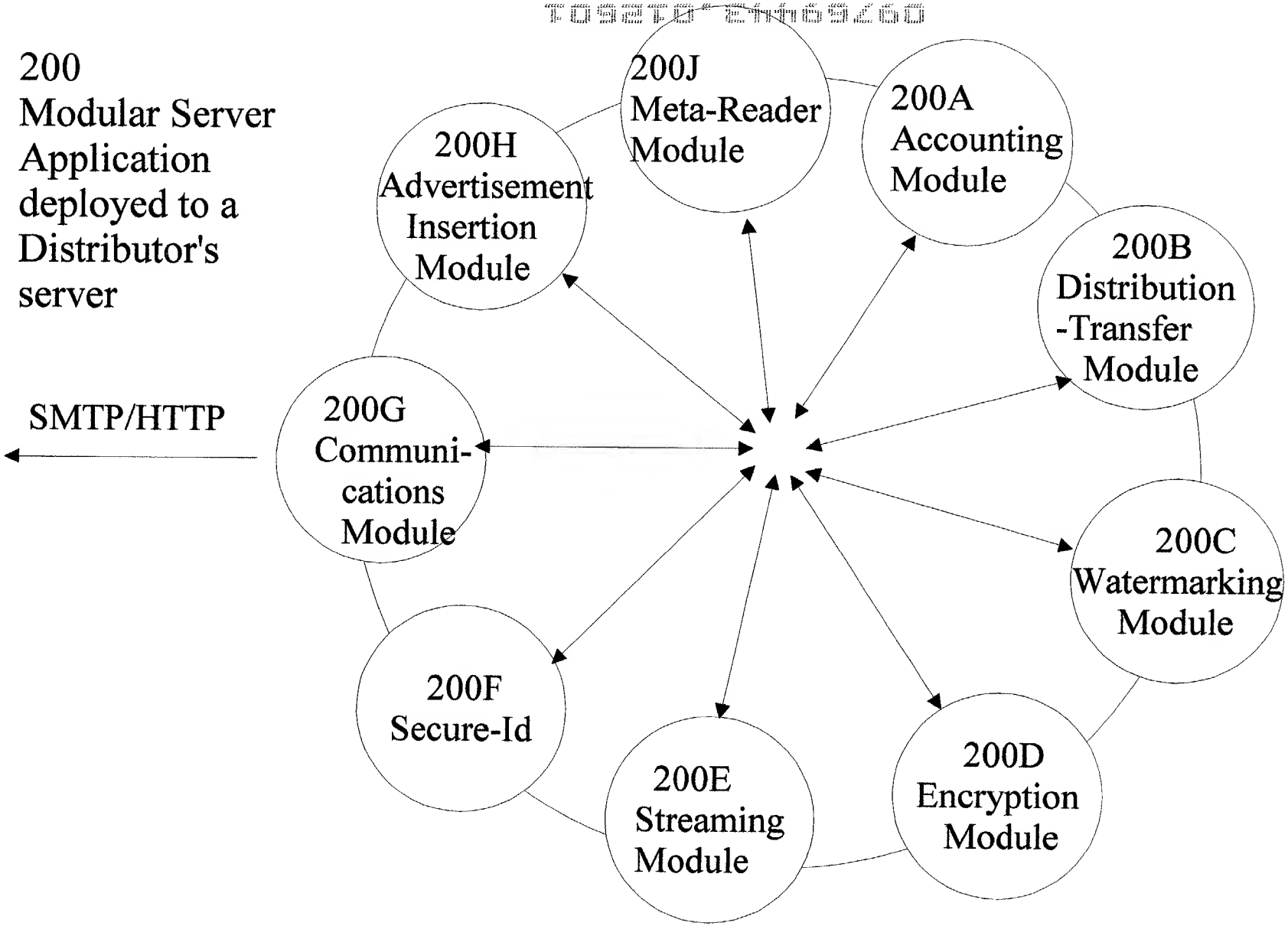

Fig. 2

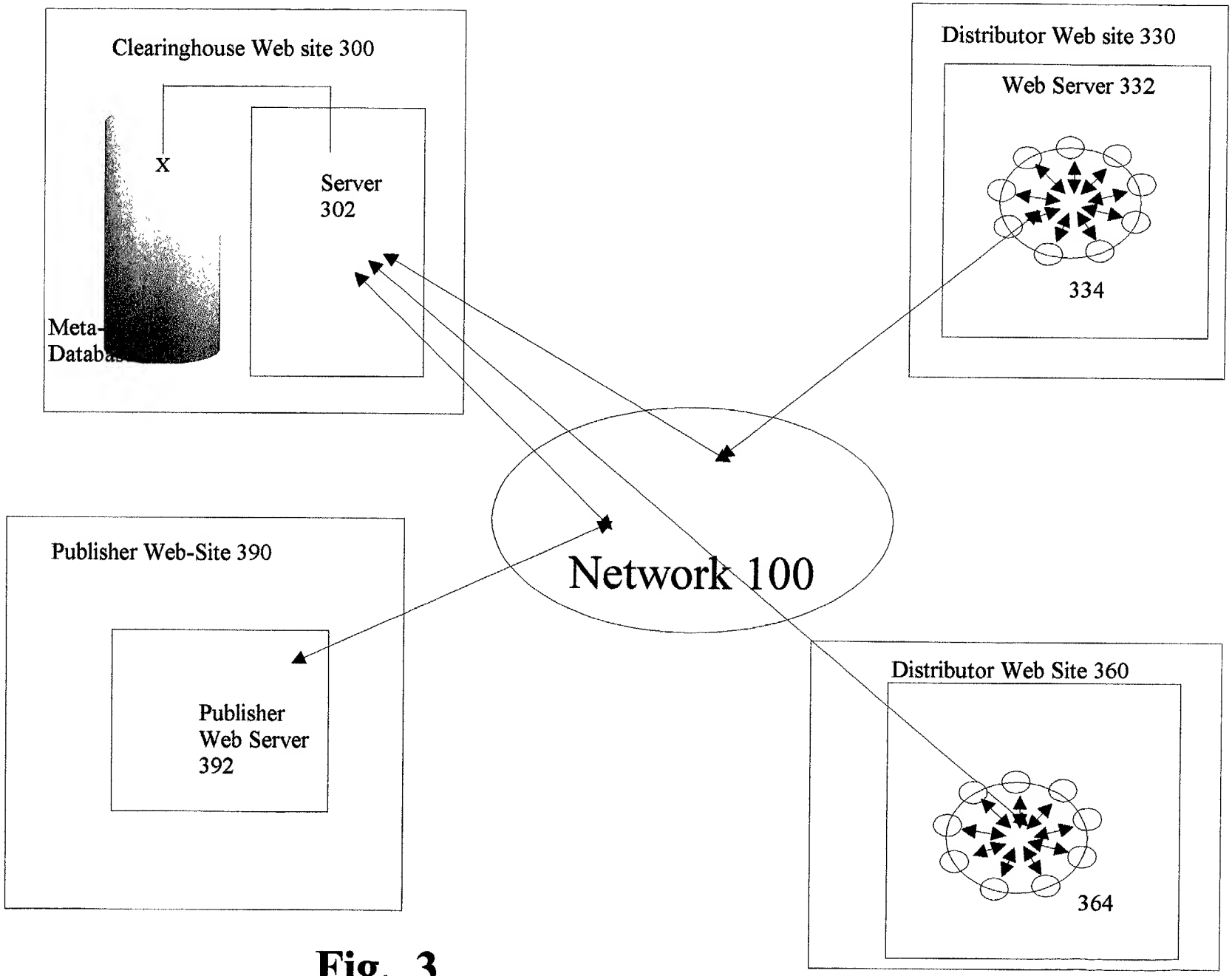
Clearinghouse Web site 300
X
Server
302
Meta-
Database
Distributor Web site 330
Web Server 332
334
Network 100
Publisher Web-Site 390
Publisher
Web Server
392
Distributor Web Site 360
364

Fig. 3

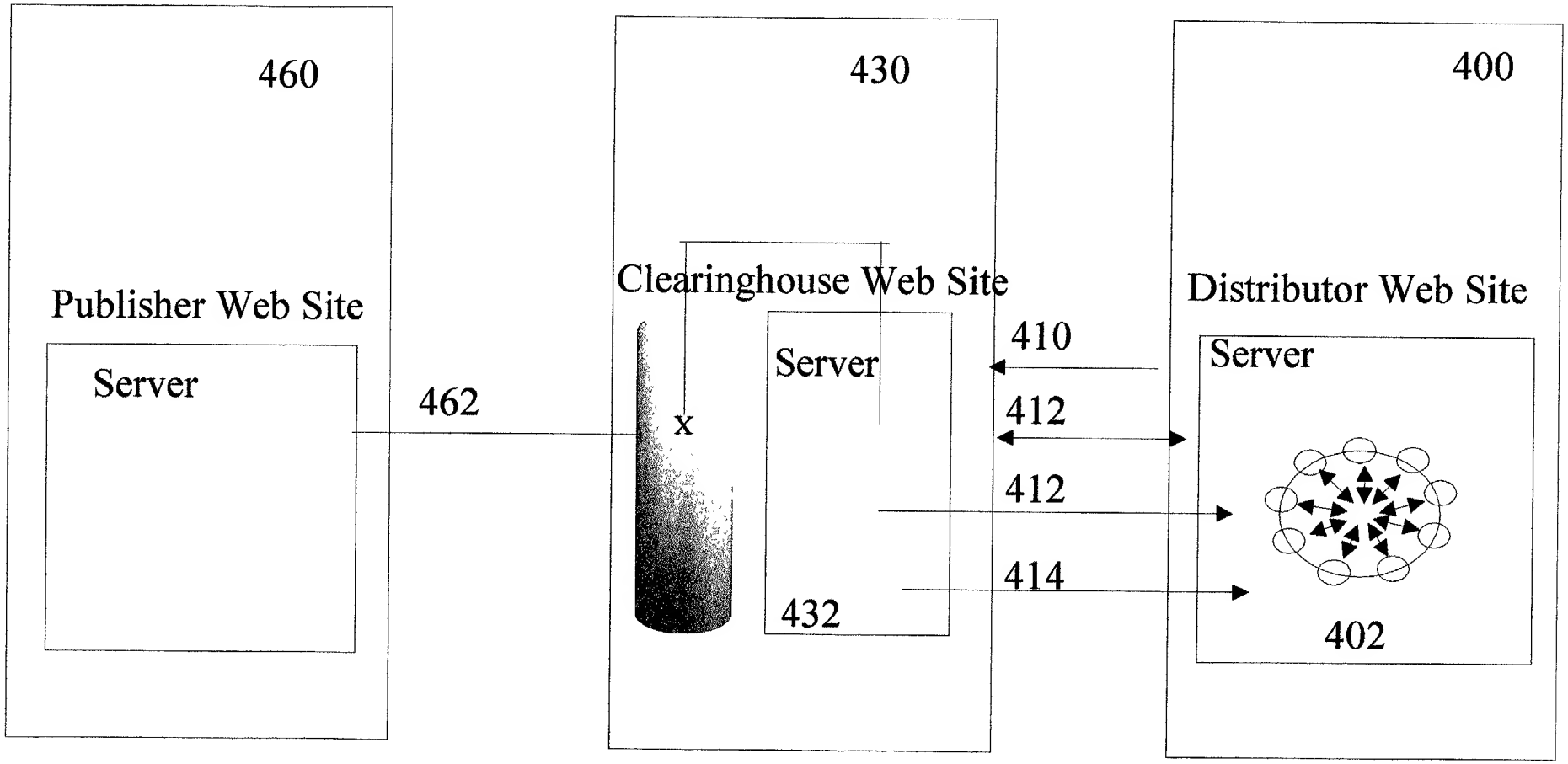
460
Publisher Web Site
Server
462
430
Clearinghouse Web Site
Server
x
432
410
412
412
414
400
Distributor Web Site
Server
402

Fig. 4

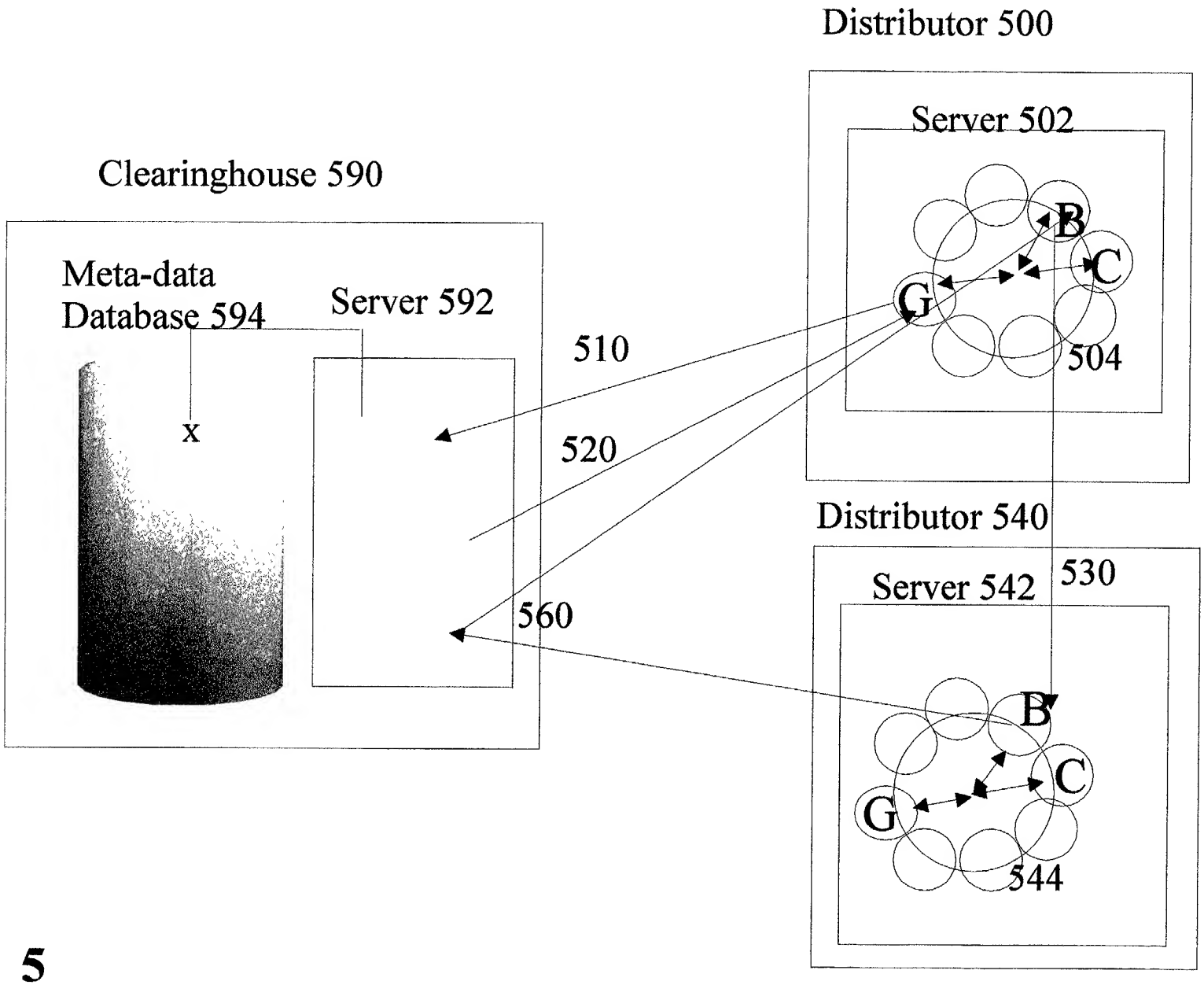

Fig. 5

D0765443 .012601

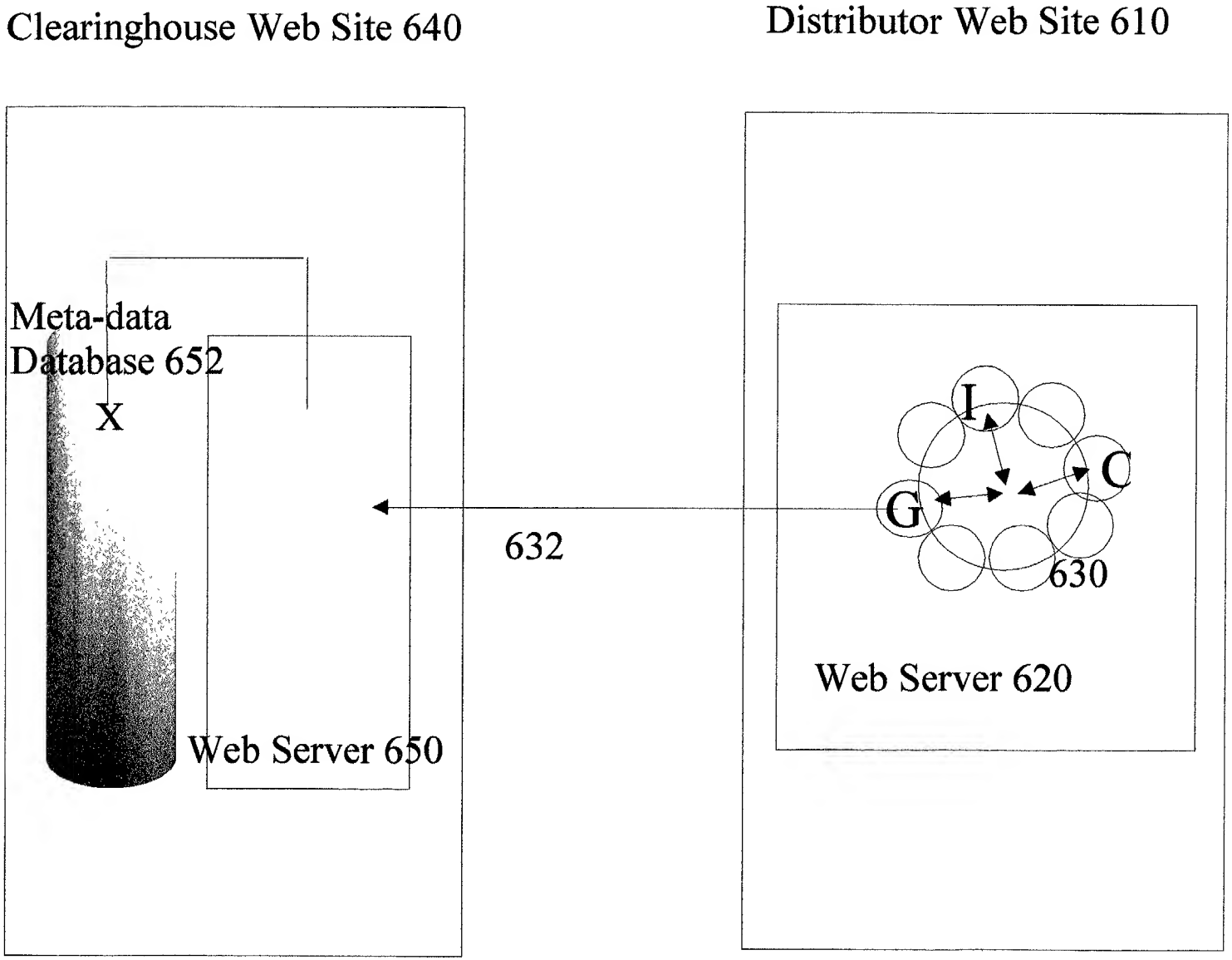
Clearinghouse Web Site 640
Distributor Web Site 610
Meta-data
Database 652
X
632
I
C
G
630
Web Server 620
Web Server 650

Fig. 6

TOSEFO "EM69260

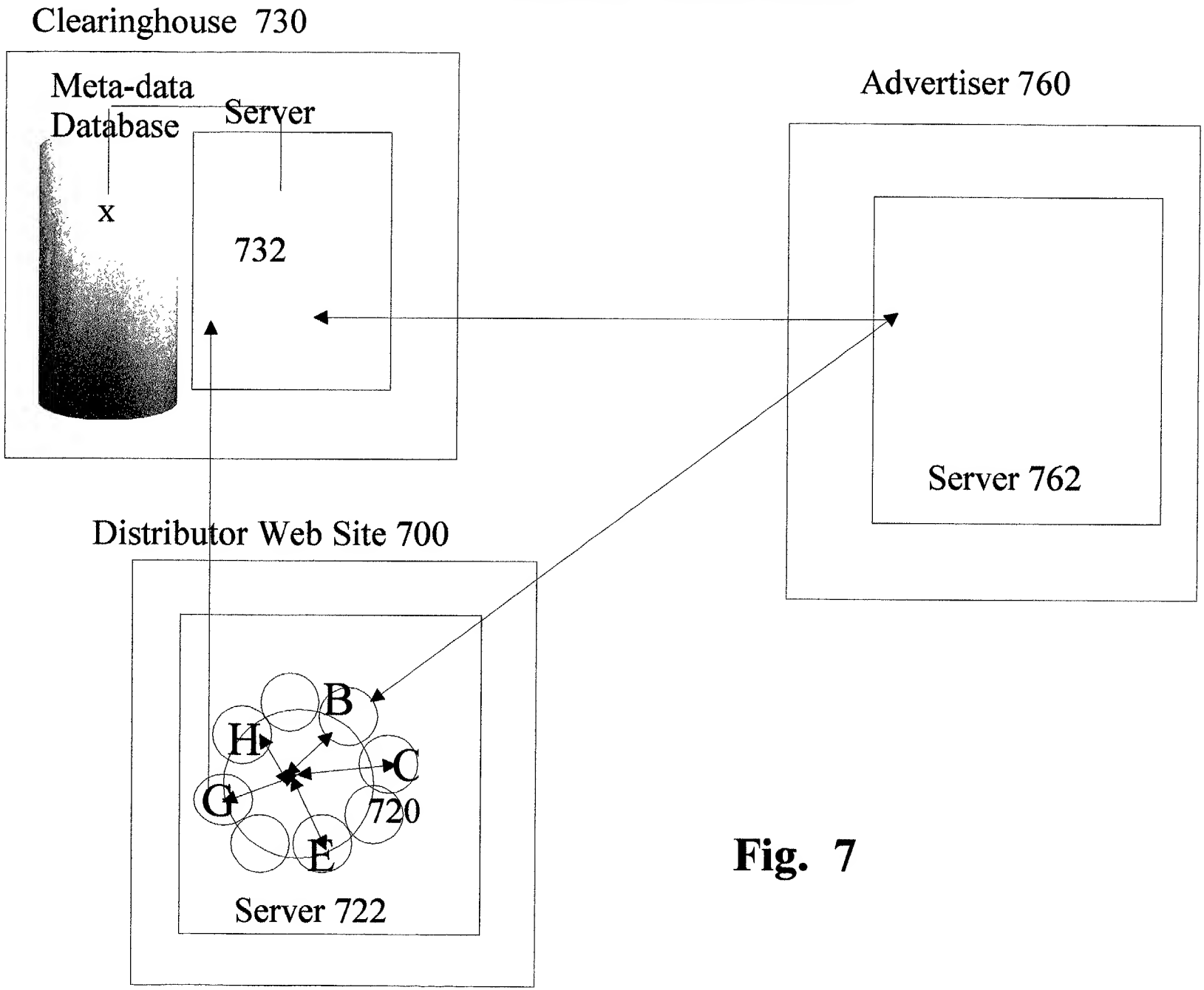

Fig. 7

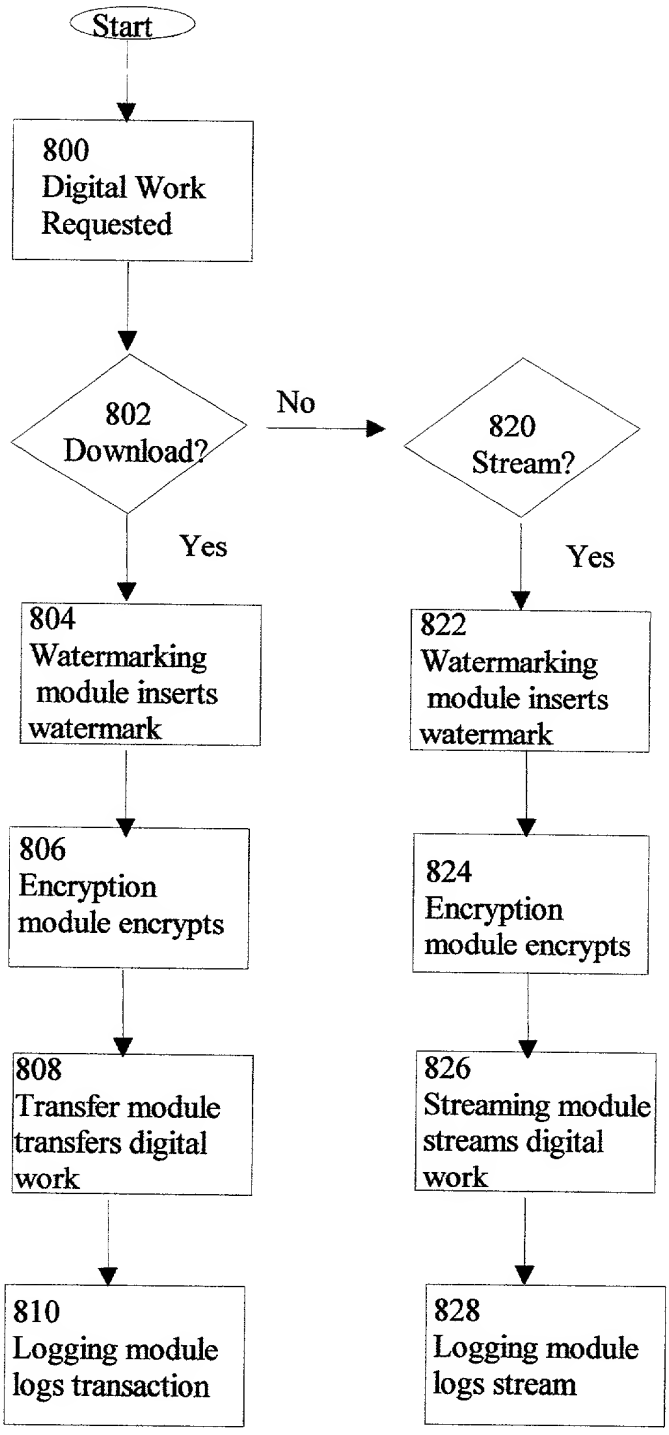
Start
800
Digital Work
Requested
802
Download?
No
820
Stream?
Yes
Yes
804
Watermarking
module inserts
watermark
806
Encryption
module encrypts
808
Transfer module
transfers digital
work
810
Logging module
logs transaction
822
Watermarking
module inserts
watermark
824
Encryption
module encrypts
826
Streaming module
streams digital
work
828
Logging module
logs stream

Fig. 8

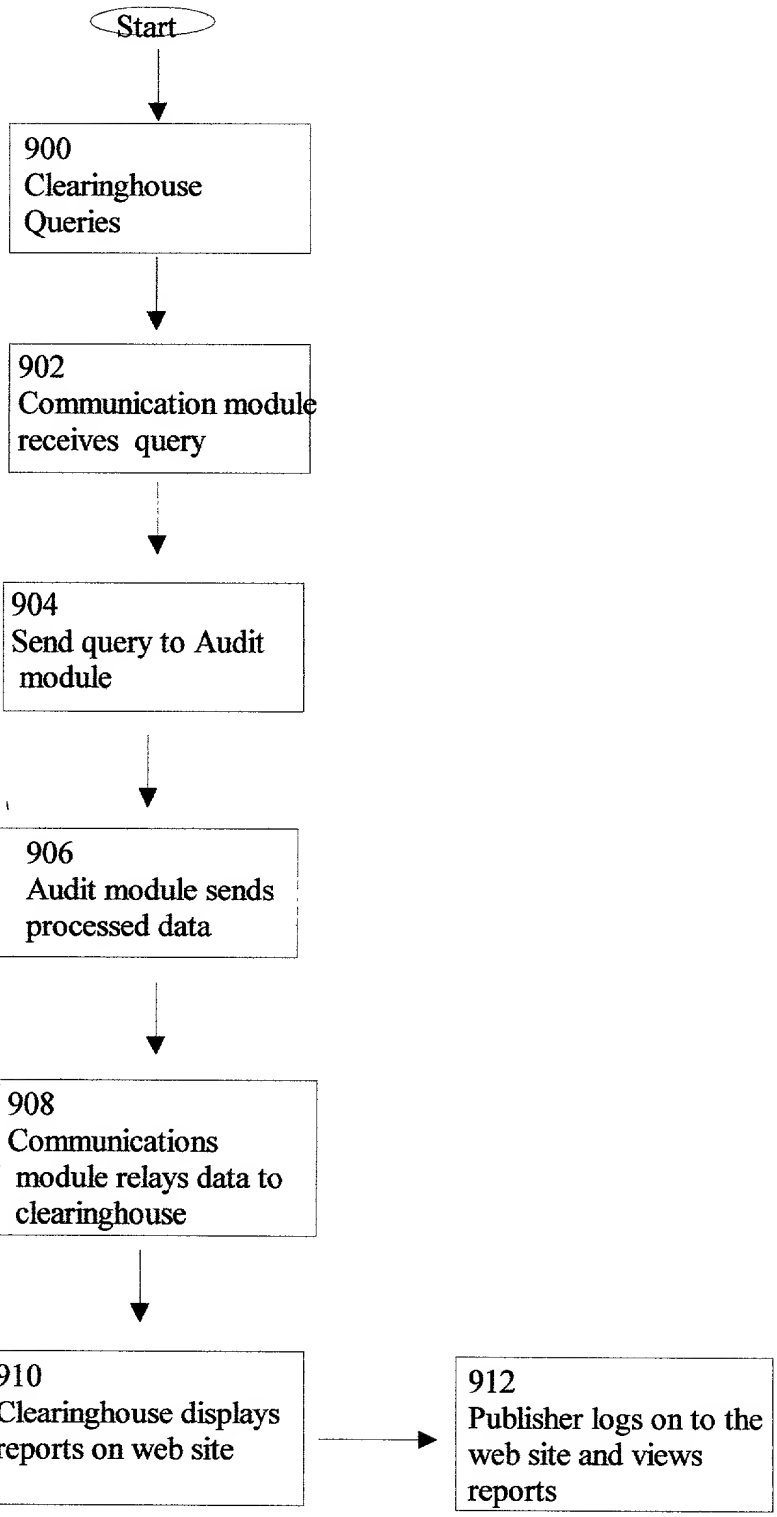
Start
900
Clearinghouse
Queries
902
Communication module
receives query
904
Send query to Audit
module
906
Audit module sends
processed data
908
Communications
module relays data to
clearinghouse
910
Clearinghouse displays
reports on web site
912
Publisher logs on to the
web site and views
reports

Fig. 9

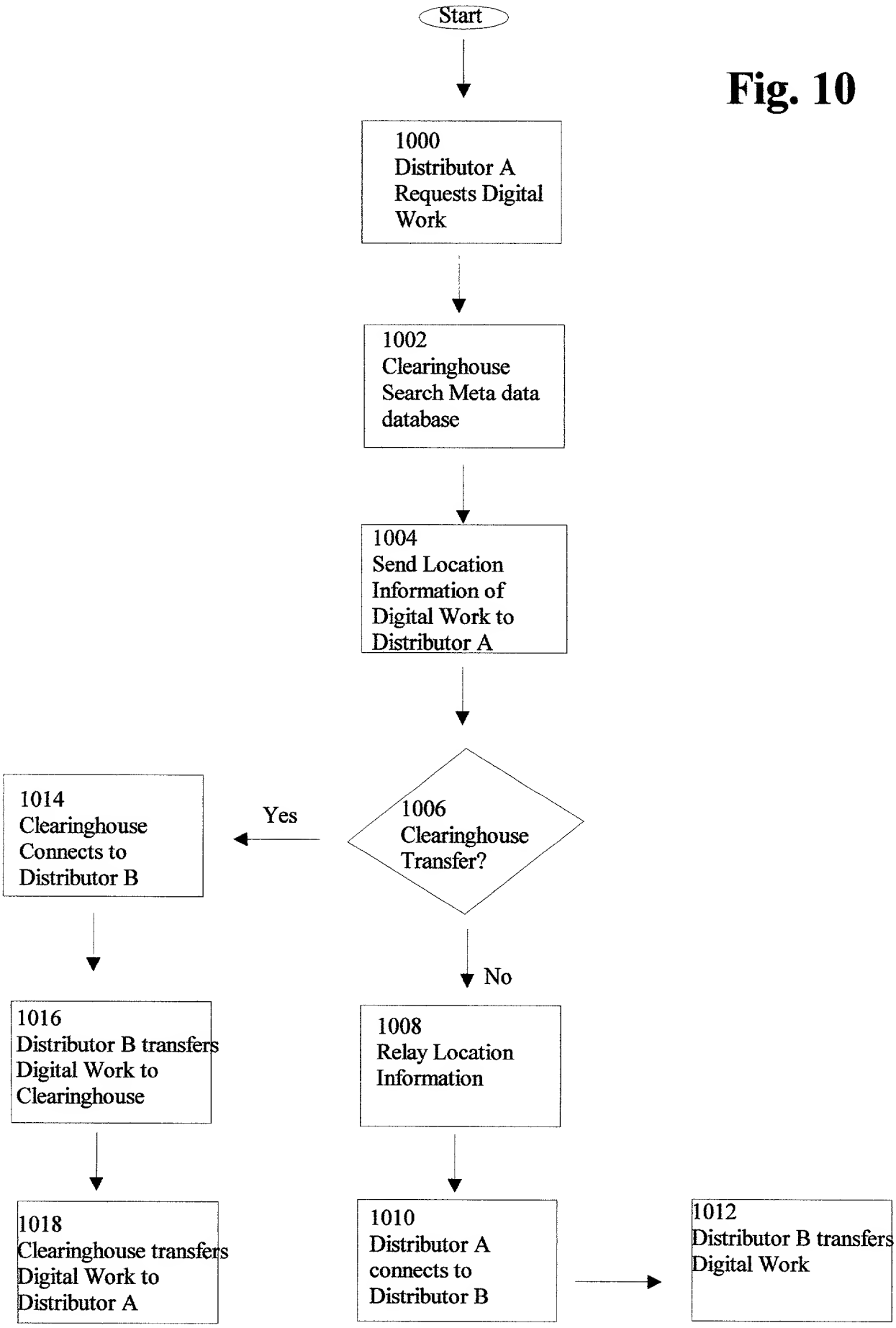
Start
1000
Distributor A Requests Digital Work
1002
Clearinghouse Search Meta data database
1004
Send Location Information of Digital Work to Distributor A
1006
Clearinghouse Transfer?
Yes
1014
Clearinghouse Connects to Distributor B
No
1008
Relay Location Information
1016
Distributor B transfers Digital Work to Clearinghouse
1018
Clearinghouse transfers Digital Work to Distributor A
1010
Distributor A connects to Distributor B
1012
Distributor B transfers Digital Work

Fig. 10

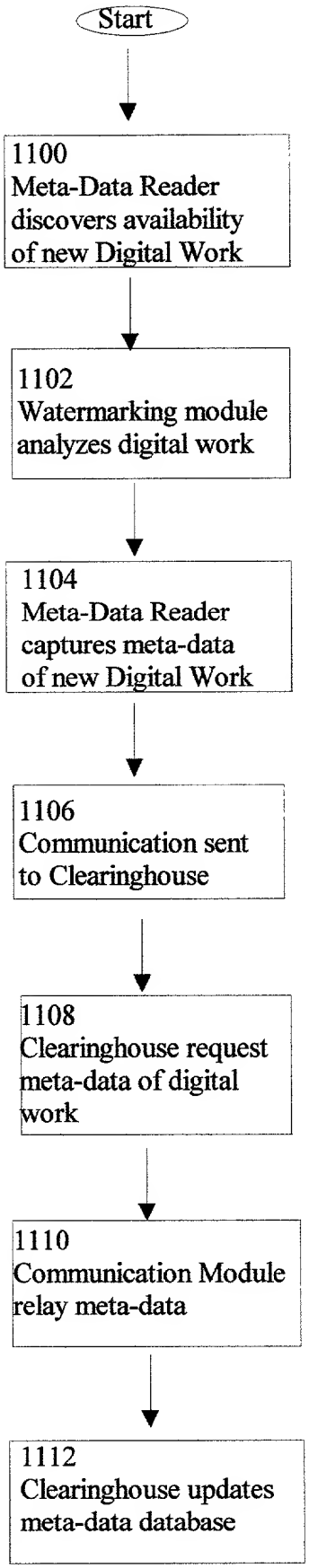
Start
1100
Meta-Data Reader discovers availability of new Digital Work
1102
Watermarking module analyzes digital work
1104
Meta-Data Reader captures meta-data of new Digital Work
1106
Communication sent to Clearinghouse
1108
Clearinghouse request meta-data of digital work
1110
Communication Module relay meta-data
1112
Clearinghouse updates meta-data database

Fig. 11

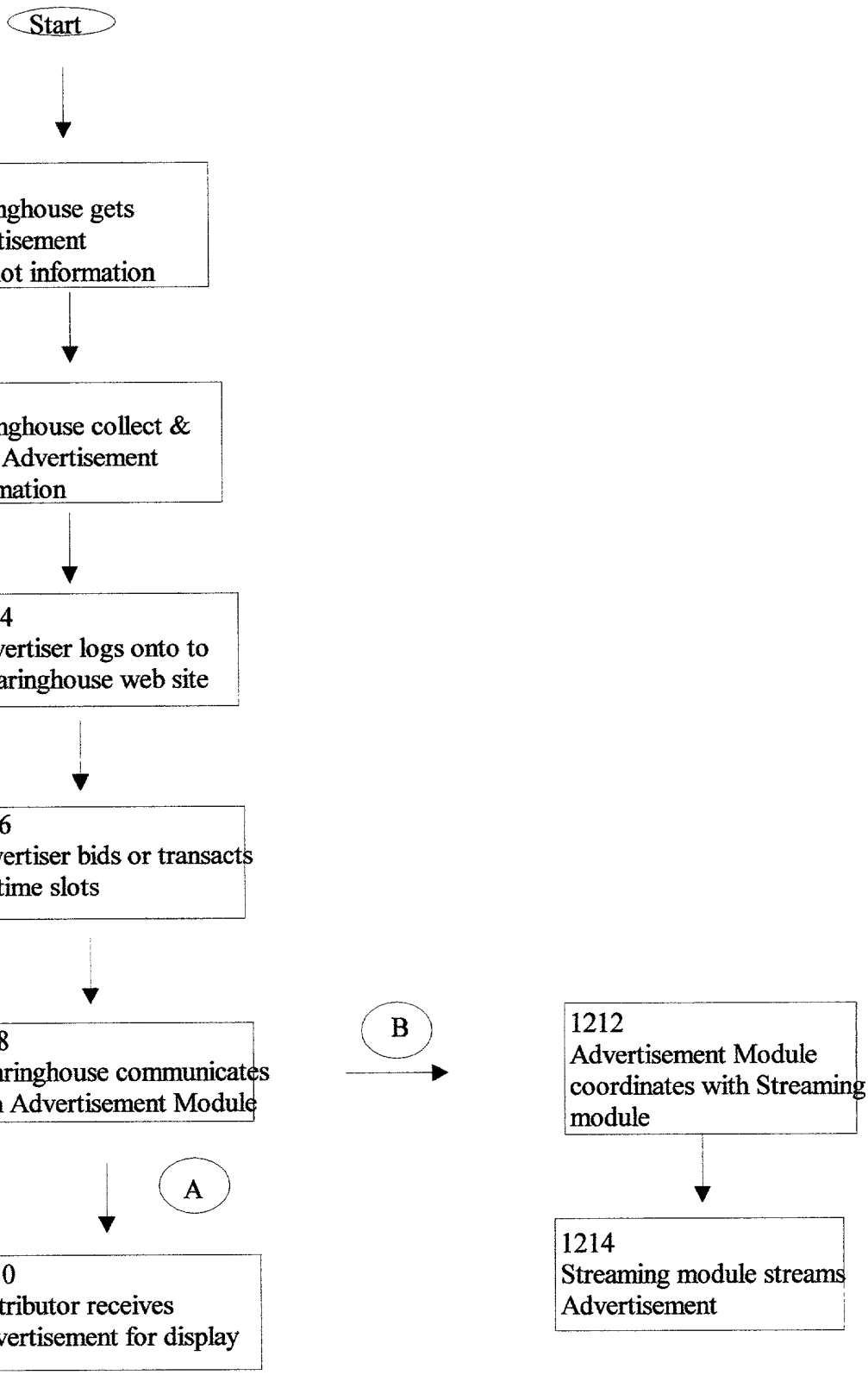
Start
1200
Clearinghouse gets Advertisement time slot information
1202
Clearinghouse collect & posts Advertisement Information
1204
Advertiser logs onto to Clearinghouse web site
1206
Advertiser bids or transacts for time slots
1208
Clearinghouse communicates with Advertisement Module
B
1212
Advertisement Module coordinates with Streaming module
A
1214
Streaming module streams Advertisement
1210
Distributor receives Advertisement for display

Fig. 12

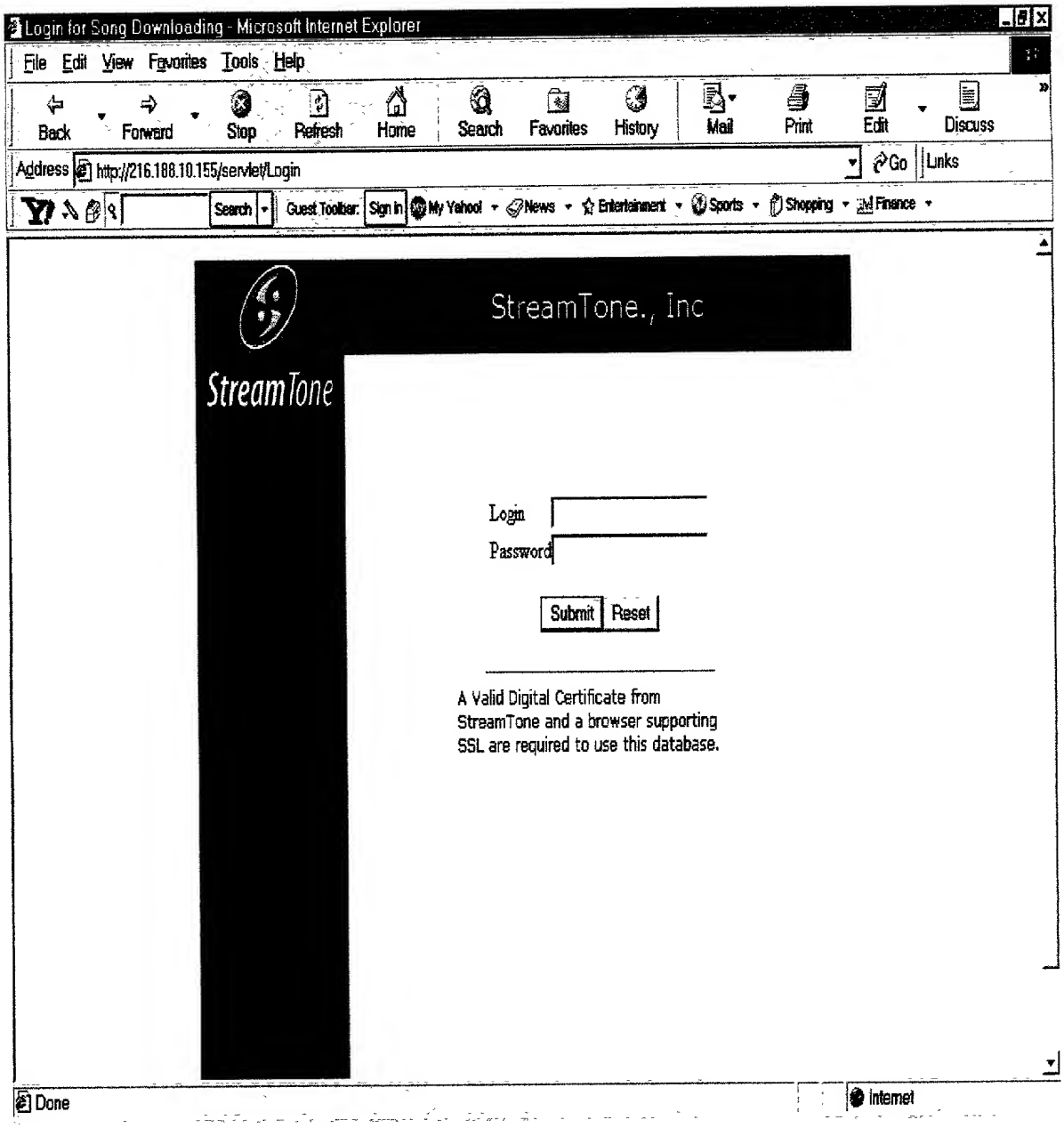
Login for Song Downloading - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://216.188.10.155/servlet/Login
Go Links
Search Guest Toolbar: Sign In My Yahoo! News Entertainment Sports Shopping Finance
StreamTone., Inc
StreamTone
Login
Password
Submit Reset
A Valid Digital Certificate from StreamTone and a browser supporting SSL are required to use this database.
Done
Internet

FIG. 13

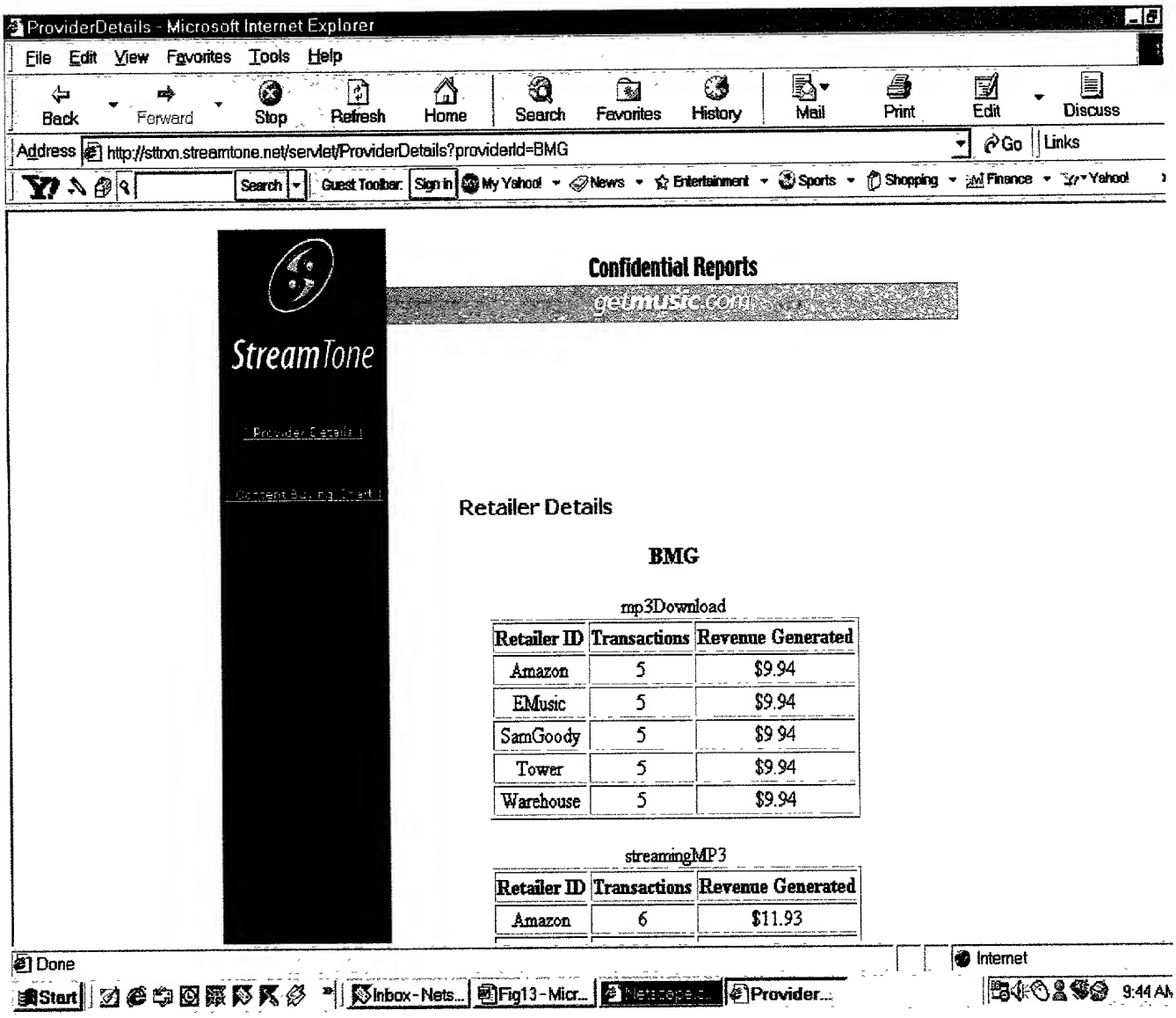
ProviderDetails - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address http://sttxn.streamtone.net/servlet/ProviderDetails?providerId=BMG
Go Links
Search Guest Toolbar Sign In My Yahoo! News Entertainment Sports Shopping Finance Yahoo!
StreamTone
Confidential Reports
getmusic.com
Retailer Details
BMG
mp3Download
Retailer ID | Transactions | Revenue Generated
Amazon | 5 | $9.94
EMusic | 5 | $9.94
SamGoody | 5 | $9.94
Tower | 5 | $9.94
Warehouse | 5 | $9.94
streamingMP3
Retailer ID | Transactions | Revenue Generated
Amazon | 6 | $11.93
Done
Internet
Start
Inbox - Nets...
Fig13 - Micr...
Provider...
9:44 AM

Fig. 14